

Comparisons of Job Characteristics

Focus Occupation: [Electrical and Electronics Repairers, Commercial and Industrial Equipment \(49-2094\)](#)

Associated Occupation: [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)

Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	15.0	16.4	0 Current knowledge level may be sufficient
Public Safety and Security	6.9	9.5	8.9	0 Current knowledge level may be sufficient
Engineering and Technology	5.7	9.1	11.7	> Current knowledge level is likely sufficient
Design	5.2	8.2	9.6	> Current knowledge level is likely sufficient
Building and Construction	4.0	6.9	6.3	0 Current knowledge level may be sufficient
Chemistry	4.8	6.8	5.5	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)

Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	10.8	12.6	> Skill level is likely sufficient
Equipment Maintenance	3.5	10.7	11.1	0 Current skill level may be sufficient
Operation and Control	5.4	10.5	9.7	0 Current skill level may be sufficient
Quality Control Analysis	5.9	10.0	13.3	>> Skill level is likely more than sufficient
Repairing	3.4	9.4	13.3	>> Skill level is likely more than sufficient
Troubleshooting	4.5	9.3	12.0	>> Skill level is likely more than sufficient
Equipment Selection	3.3	8.7	10.5	> Skill level is likely sufficient
Installation	1.7	5.8	9.3	>> Skill level is likely more than sufficient

Technology Design	2.6	5.8	6.3	0	Current skill level may be sufficient
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 73			
Focus Occupation: Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094) Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	13.4	9.3	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.4	10.7	<	Some improvement in abilities may be required
Static Strength	5.0	11.6	7.9	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.1	6.4	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	10.1	9.3	0	Current ability level may be sufficient
Dynamic Strength	3.5	8.5	6.1	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.4	6.2	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.5	5.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 74
Focus Occupation: Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094) Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)		
Work Activities	Exclusivity of Activity	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install electronic equipment, components, or systems	62	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read blueprints	10	
Read work order, instructions, formulas, or processing charts	9	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Replace electronic components	63	
Understand service or repair manuals	40	
Understand technical operating, service or repair manuals	6	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 84

Focus Occupation: Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)
Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Tools and Technologies	Exclusivity
Aerial lifts	13
Compressors	9
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Data management and query software	1
Forming tools	2
Holding and clamping tools	3
Industry specific software	1
Ladders and scaffolding	6
Lifting equipment and accessories	3
Machine tools	7
Measuring and layout tools	3
Metal bending and forming machinery	17
Pneumatic tools	8
Power tools	2
Safety apparel	4
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.